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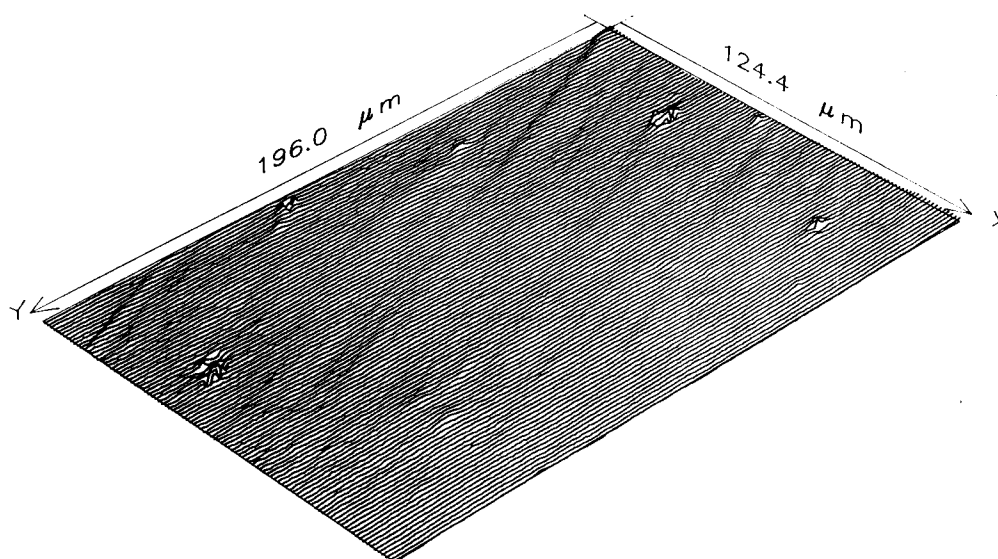
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(12)

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C09B 67/00, C30B 29/54(22) Date of filing: **11.07.89**(30) Priority: **13.07.88 US 218817**(43) Date of publication of application:
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29.04.92 Bulletin 92/18(71) Applicant: **MINNESOTA MINING AND
MANUFACTURING COMPANY**
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St. Paul, Minnesota 55133-3427(US)(72) Inventor: **Debe, Mark K. c/o Minnesota Mining
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St. Paul Minnesota 55144-1000(US)(74) Representative: **Baillie, Iain Cameron et al**
c/o Ladas & Parry, Altheimer Eck 2
W-8000 München 2(DE)(54) **Low gravity enhanced growth of phthalocyanine polymorphs.**

(57) A polymorph of a phthalocyanine, designated M-phthalocyanine, has been prepared in an environment of at most 0.1 G. In a further aspect, a process

is disclosed for preparing novel organic films comprising a closed chamber physical vapor transport (PVT) in a low gravity environment.

*Fig. 6C***EP 0 351 176 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 89 30 7010

DOCUMENTS CONSIDERED TO BE RELEVANT

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	THIN SOLID FILMS. vol. 151, no. 1, 20 July 1987, LAUSANNE CH pages 109 - 110; M. KOMIYAMA ET AL: 'PREPARATION OF HIGHLY ORDERED ULTRA THIN FILMS OF COPPER(11) PHTHALOCYANINE ON AMORPHOUS SUBSTRATES BY MOLECULAR BEAM DEPOSITION' * WHOLE DOCUMENT* - - - - -	1,10	C 30 B 23/02 C 30 B 30/08 C 09 B 67/00 C 30 B 29/54
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 30 B C 23 C C 09 B
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		27 February 92	GREGG N.R.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		E : earlier patent document, but published on, or after the filing date	
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O : non-written disclosure			
P : intermediate document		& : member of the same patent family, corresponding document	
T : theory or principle underlying the invention			